

ABSTRACT

The invention relates to a product comprising an aluminum base alloy consisting of (in weight %): Cu 3.8 – 4.9, Mg 1.2 – 1.8, Mn 0.1 – 0.9, Fe max. 0.12, Si max. 0.10, Ti max. 0.15, Zn max. 0.20, Cr max. 0.10, impurities each max. 0.05, total max. 0.15, balance aluminum. The product having a minimum L-0.2%yield strength of 300 MPa or more, a minimum LT-0.2%yield strength of 270 MPa, a minimum T-L fracture toughness $K_{C(ao)}$ of 100 MPa. \sqrt{m} or more for a 700 mm wide CCT-panel, and has in both L/ST- and LT/ST-sections an average grain size of at least 6 according to ASTM E-112. Further the invention relates to a method for the manufacturing of such a product.

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